

# Series 31 Shrink Boot Adapters

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

## 310A\*057 Shrink Boot Adapter, Pre-installed Boot, EMI Band Adapter, Composite



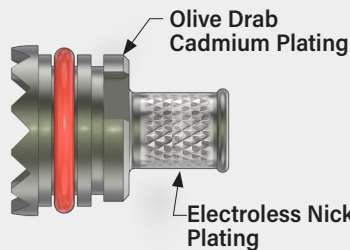
**Self-Locking**

- Pre-installed boot
- 50% faster installation
- Environmental
- Adhesive lined boot
- Corrosion-proof composite material
- EMI banding adapter

### Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

**FIG. 1: BNS PLATING**



**Banding Adapter with selective BNS plating finish**

### BAND

Terminate cable braid to adapter with banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination of braid shield. Stainless steel.



Pre-Coiled Band P/N	Length	Max Dia.
<b>601-061</b>	8.13 (206)	.88 (22.4)
<b>601-065</b>	14.25 (362)	1.80 (45.7)

**Fast installation, shielded, environmental, self-locking.** 310A\*057 "piggyback" shrink boot adapter fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Use with jacketed, shielded cable. Terminate cable overbraid to EMI banding adapter with optional stainless steel microband. Piggyback boots reduce boot installation time by 50% and eliminate misalignment problems. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Shrink boot is factory-installed onto adapter with adhesive and is shrunk onto a mandrel with a diameter equal to the cable entry size. After shrinking, cable end is pre-coated with additional adhesive. Three boot materials: Type 1 high performance elastomer, Type 2 zero halogen or Type 3 flexible polyolefin. Coupling nut and adapter body are PEI thermoplastic. EMI adapter is brass. Silicone O-ring, polyamide hot melt adhesive.

### PART NUMBER

**310AS057 BM 18 -1 K**

<b>Base P/N</b>	<b>Base Part No.</b>	<b>Profile</b>
	<b>310AS057</b>	<b>S</b> Straight
	<b>310AA057</b>	<b>A</b> 90° Boot
	<b>310AB057</b>	<b>B</b> 45° Boot
<b>EMI Adapter Finish</b>	<b>BM</b>	Electroless Nickel
	<b>BMT</b>	Nickel-PTFE
	<b>BNS</b>	Olive Drab Cadmium, Selective (fig. 1)
<b>Shell Size</b>	<b>08 10 12 14 16 18 20 22 24</b>	
<b>Boot Material</b>	<b>-1</b>	Type 1 High Performance Semi-Rigid Elastomer
	<b>-2</b>	Type 2 Zero Halogen Semi-Rigid Polyolefin
	<b>-3</b>	Type 3 Flexible Polyolefin
<b>Band</b>	<i>Omit if not required</i>	
	<b>K</b>	Pre-Coiled MicroBand included With Backshell

### SHRINK BOOT MATERIAL SELECTION GUIDE

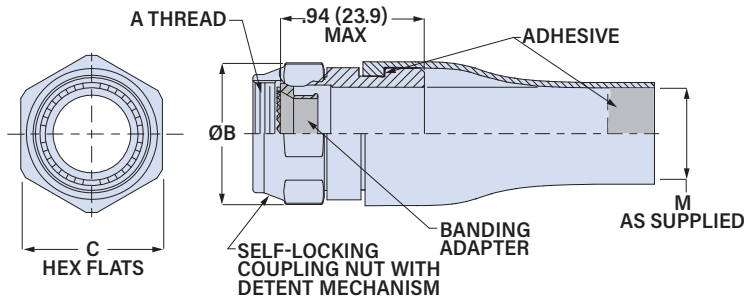
	Type 1 High Performance	Type 2 Zero Halogen	Type 3 General Purpose
<b>Material</b>	Semi-Rigid Elastomer	Semi-Rigid Polyolefin	Flexible Polyolefin
<b>Resistance to Fuels, Oils</b>	Excellent	Very Good	Good
<b>Adhesive Type</b>	W1 Hot Melt	W1 Hot Melt	W2 Hot Melt
<b>Continuous Operating Temp.</b>	-55 to +125 °C	-55 to +125 °C	-55 to +70 °C
<b>Low Smoke/Zero Halogen</b>	No	Yes	No
<b>SAE Material Type</b>	AS5258 Type H	AS5258 Type G	AS81765/1 Type 1

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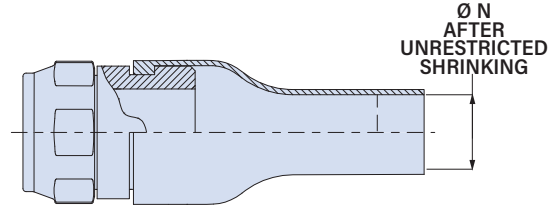
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As Supplied

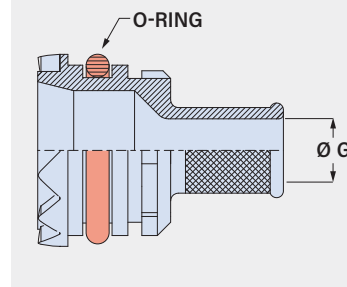


After Shrinking



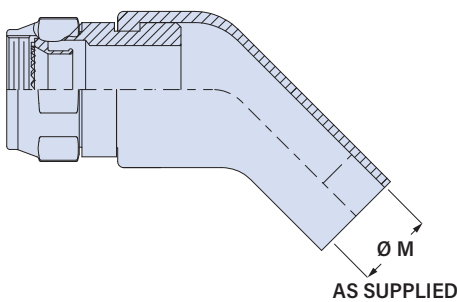
Shell Size	A Thread Class 2B	Ø B Max in	mm	C Hex Flats in	mm	Ø M Min in	mm	Ø N Max in	mm
08	0.500-20 UNF	.86	21.8	.750	19.1	.250	6.4	.197	5.0
10	0.625-24 UNEF	.98	24.9	.875	22.2	.355	9.0	.197	5.0
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	.491	12.5	.236	6.0
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	.565	14.4	.236	6.0
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	.690	17.5	.276	7.0
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	.769	19.5	.335	8.5
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	.894	22.7	.394	10.0
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.019	25.9	.394	10.0
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.134	28.8	.591	15.0

BANDING ADAPTER



Shell Size	G Dia. ± .015 (0.4) in	mm
08	.140	3.6
10	.270	6.9
12	.390	9.9
14	.512	13.0
16	.637	16.2
18	.757	19.2
20	.881	22.4
22	1.006	25.6
24	1.131	28.7

45°



90°

